

File Aug 21 12:47:47 2001

us-09-486-334-2.rai

Page 1

GenCore version 4.5  
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OM protein - protein search, using sw model

Run on: August 21, 2001, 12:06:13 ; Search time 12.28 Seconds  
(without alignments)  
526.496 Million cell updates/sec

Title: US-09-486-334-2  
Perfect score: 1641  
Sequence: 1 MATCIDTCRTGCTGDDDSRF.....IPCLTMDQTYLREMSDYVI 314

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 197339 seqs, 20590346 residues

Total number of hits satisfying chosen parameters: 197339

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents, AA:\*  
1: /cgn2\_6/ptodata/2/1aa/5A.COMB.pep.\*  
2: /cgn2\_6/ptodata/2/1aa/5B.COMB.pep.\*  
3: /cgn2\_6/ptodata/2/1aa/6A.COMB.pep.\*  
4: /cgn2\_6/ptodata/2/1aa/6B.COMB.pep.\*  
5: /cgn2\_6/ptodata/2/1aa/PCrns.COMB.pep.\*  
6: /cgn2\_6/ptodata/2/1aa/backfilltest.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	648.5	39.5	273	4 US-09-065-104-1	Sequence 1, Appl
2	145.5	8.9	160	2 US-08-846-762-6	Sequence 6, Appl
3	145.5	8.9	163	2 US-08-846-762-75	Sequence 75, Appl
4	132.5	8.1	380	3 US-08-971-782-4	Sequence 4, Appl
5	132.5	8.1	380	4 US-09-309-026-4	Sequence 2, Appl
6	132.5	8.1	459	3 US-08-971-782-2	Sequence 2, Appl
7	132.5	8.1	459	4 US-09-309-026-2	Sequence 2, Appl
8	125.5	7.6	191	2 US-08-846-762-76	Sequence 76, Appl
9	97.5	5.9	159	1 US-08-597-236-9	Sequence 9, Appl
10	97.5	5.9	159	1 US-08-746-682A-9	Sequence 9, Appl
11	94	5.7	197	4 US-08-975-762-56	Sequence 56, Appl
12	90	5.5	168	4 US-08-188-579-85	Sequence 85, Appl
13	90	5.5	168	4 US-09-315-444-85	Sequence 85, Appl
14	87	5.3	713	1 US-08-190-802A-63	Sequence 63, Appl
15	84.5	5.1	361	3 US-09-032-372-12	Sequence 12, Appl
16	82	5.0	551	3 US-08-886-886-15	Sequence 15, Appl
17	81.5	5.0	470	1 US-08-090-523-10	Sequence 10, Appl
18	81.5	5.0	470	1 US-08-398-627-10	Sequence 10, Appl
19	81.5	5.0	470	1 US-08-406-858-10	Sequence 10, Appl
20	81.5	5.0	470	1 PCT-US91-04036-10	Sequence 10, Appl
21	81.5	5.0	470	5 PCT-US94-05275-10	Sequence 10, Appl
22	81	4.9	251	2 US-08-436-748-9	Sequence 9, Appl
23	81	4.9	540	1 US-08-286-325A-2	Sequence 2, Appl
24	80.5	4.9	781	1 US-08-373-134D-2	Sequence 2, Appl
25	80.5	4.9	781	2 US-09-114-637-2	Sequence 2, Appl
26	80.5	4.9	2237	1 US-08-354-973-1	Sequence 1, Appl
27	80	4.9	276	2 US-07-857-224B-72	Sequence 72, Appl

28	80	4.9	1912	1 US-08-409-995-4	Sequence 4, Appl
29	80	4.9	1912	3 US-08-685-467-4	Sequence 4, Appl
30	80	4.9	2353	4 US-09-377-155-33	Sequence 33, Appl
31	80	4.9	2353	4 US-08-913-942-4	Sequence 4, Appl
32	78	4.8	3898	2 US-08-876-991-2	Sequence 2, Appl
33	78	4.8	3898	2 US-09-059-853-2	Sequence 2, Appl
34	77.5	4.7	402	4 US-09-414-664-4	Sequence 4, Appl
35	77.5	4.7	402	4 US-09-414-664-4	Sequence 4, Appl
36	77.5	4.7	529	4 US-09-464-483-2	Sequence 2, Appl
37	77.5	4.7	529	4 US-09-414-664-2	Sequence 2, Appl
38	77.5	4.7	667	4 US-09-094-557-1	Sequence 1, Appl
39	76.5	4.7	449	1 US-08-476-008-5	Sequence 5, Appl
40	76.5	4.7	449	1 US-08-476-008-7	Sequence 7, Appl
41	76.5	4.7	449	1 US-08-306-063-5	Sequence 5, Appl
42	76.5	4.7	449	1 US-08-306-063-7	Sequence 7, Appl
43	76.5	4.7	449	1 US-08-833-485-5	Sequence 5, Appl
44	76.5	4.7	449	1 US-08-833-485-7	Sequence 7, Appl
45	76.5	4.7	449	4 US-09-137-440-5	Sequence 5, Appl

#### ALIGNMENTS

RESULT 1  
US-09-065-104-1  
Sequence 1, Application US/09065104  
Patent No. 6218168  
GENERAL INFORMATION:  
APPLICANT: LEINFELDER, Manfred,  
APPLICANT: HEINRICH, Peter  
TITLE OF INVENTION: Process for Preparing O-  
TITLE OF INVENTION: Acetylserine, L-Cysteine and L-Cysteine-Related  
PRODUCTS  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Collard & Roe, P.C.  
STREET: 1077 NO. 6218168therrn Boulevard  
CITY: Roslyn  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 11576  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect Version 5.1 for DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/065,104  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: DE 195 39 952  
APPLICATION NUMBER: 26-OCT-1995  
FILING DATE: 26-OCT-1995  
APPLICATION NUMBER: WO 97/15673  
FILING DATE: 24-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Collard, Allison C.  
REGISTRATION NUMBER: 22,532  
REFERENCE/DOCKET NUMBER: LEINFELDER PCT  
ATTORNEY/AGENT INFORMATION:  
NAME: Freedman, Edward R.  
REGISTRATION NUMBER: 26,048  
REFERENCE/DOCKET NUMBER: LEINFELDER PCT  
ATTORNEY/AGENT INFORMATION:  
NAME: Richter, Elizabeth C.  
REGISTRATION NUMBER: 35,103  
REFERENCE/DOCKET NUMBER: LEINFELDER PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 365-9802  
TELEFAX: (516) 365-9805  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 273 amino acids

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RESULT      3
US-08-846-762-75
; Sequence 75, Application US/08846762A
; Patent No. 5994072
; GENERAL INFORMATION:
; APPLICANT: Lam, Joseph S.
; APPLICANT: Barrows, Lori
; APPLICANT: Charter, Deborah
; APPLICANT: de Kievit, Teresa
; TITLE OF INVENTION:  Of 5994072el Proteins Involved in the Synthesis and Assembly
; FILE REFERENCE: 6580-089
; CURRENT APPLICATION NUMBER: US/08/846,762A
; CURRENT FILING DATE: 1997-04-30
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 75
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-08-846-762-75

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Query Match          9.9% Score 145.5; DB 2; Length 163;
Best Local Similarity 32.6% Pred. No. 1.2e-08;
Matches 42; Conservative 18; Mismatches 42; Indels 27; Gaps 3;

QY 181 VDIHPKARKIGKILLDHATGVIGTFVAVD-----NYSILHGVTL----- 221
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Db 27 VHIQAGARIAGVSL--GQNVFVGKNKVIQIDRCKIONNVSVDNVLLEGVFCGSPSWFT 84
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 222 -----GGTGKSGDRHPRKIGDGVILGAGSCILGNTITIEGAKIGSGSVVVDVPA RTTA 275
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Db 85 NYVNPRLIERKQRYNTLVKKGATILGANTCTIVCGVTIGEVAFILGAVINKNVPSYALM 144
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 276 VGNPAPRLIG 284
      | | | | | | | |
Db 145 VGVPAROIQ 153

RESULT 4
US-08-971-782-4
; Sequence 4, Application US/08971782
; Patent No. 6043071
; GENERAL INFORMATION:
; APPLICANT: Wallis, Nicola G.
; APPLICANT: Shilling, Lisa K.
; APPLICANT: Jaworski, Deborah D.
; APPLICANT: Wang, Min
; APPLICANT: Mooney, Jeffrey L.
; APPLICANT: Debouck, Christine M.
; APPLICANT: Zhong, Yi Yi
; TITLE OF INVENTION: No. 6043071el GIMU
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESSES:
; ADDRESS: Dechart Price & Rhoads
; STREET: 4000 Bell Atlantic Tower, 1717 Arch Stre
; CITY: Philadelphia
; STATE: PA
; COUNTRY: US
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/971,782
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

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APPLICATION NUMBER: 60/050,996  
 FILING DATE: 26-JUN-1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Dickinson, Todd O  
 REGISTRATION NUMBER: 28,354  
 REFERENCE/DOCKET NUMBER: GM10024  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-994-2252  
 TELEFAX: 215-994-2222  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 380 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-971-782-4

Query Match  
 Best Local Similarity 8.1%; Score 132.5; DB 3; Length 380;  
 Matches 36; Conservative 19; Mismatches 44; Indels 13; Gaps 5;

QY 174 RVSEFAVDH-----PGAKIGKILLDHATGVIGETAVGDNVSLHG-VTLGGTG 225  
 Db 253 RPNSSLAQVHIGNFVEVKSSIGENTKAGHLT--YIG-SCVEGNNVFGAGTITVNYDG 309  
 QY 226 KQSGDRHPRKIGDVLGAGSCILNITIGEGAKIGSGSVYKVPARTTAVG 277  
 Db 310 KKK--YKTVIGDNVFGVNSITIAPELDNSLVGAGSTTKVDPADALAIIG 359

RESULT 5  
 US-09-309-026-4  
 Sequence 4, Application US/09309026  
 Patent No. 6204042  
 GENERAL INFORMATION:  
 APPLICANT: Wallis, Nicola G.  
 APPLICANT: Shilling, Lisa K.  
 APPLICANT: Jaworski, Deborah D.  
 APPLICANT: Wang, Min  
 APPLICANT: Mooney, Jeffrey L.  
 APPLICANT: Debouck, Christine M.  
 APPLICANT: Zhong, Yi Yi  
 TITLE OF INVENTION: No. 6204042el glmu  
 NUMBER OF SEQUENCES: 6  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Dechert Price & Rhoads  
 STREET: 4000 Bell Atlantic Tower, 1717 Arch Stre  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: US  
 ZIP: 19103  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 FILING DATE:  
 APPLICATION NUMBER: US/09/309.026  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/971,782  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Dickinson, Todd O  
 REGISTRATION NUMBER: 28,354  
 REFERENCE/DOCKET NUMBER: GM10024  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-994-2252  
 TELEFAX: 215-994-2222  
 TELEX:

INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 380 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-09-309-026-4

Query Match  
 Best Local Similarity 8.1%; Score 132.5; DB 4; Length 380;  
 Matches 36; Conservative 19; Mismatches 44; Indels 13; Gaps 5;

QY 174 RVSEFAVDH-----PGAKIGKILLDHATGVIGETAVGDNVSLHG-VTLGGTG 225  
 Db 253 RPNSSLAQVHIGNFVEVKSSIGENTKAGHLT--YIG-SCVEGNNVFGAGTITVNYDG 309  
 QY 226 KQSGDRHPRKIGDVLGAGSCILNITIGEGAKIGSGSVYKVPARTTAVG 277  
 Db 310 KKK--YKTVIGDNVFGVNSITIAPELDNSLVGAGSTTKVDPADALAIIG 359

RESULT 6  
 US-08-971-782-2  
 Sequence 2, Application US/08971782  
 Patent No. 6043071  
 GENERAL INFORMATION:  
 APPLICANT: Wallis, Nicola G.  
 APPLICANT: Shilling, Lisa K.  
 APPLICANT: Jaworski, Deborah D.  
 APPLICANT: Wang, Min  
 APPLICANT: Mooney, Jeffrey L.  
 APPLICANT: Debouck, Christine M.  
 APPLICANT: Zhong, Yi Yi  
 TITLE OF INVENTION: No. 6043071el glmu  
 NUMBER OF SEQUENCES: 6  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Dechert Price & Rhoads  
 STREET: 4000 Bell Atlantic Tower, 1717 Arch Stre  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: US  
 ZIP: 19103  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 FILING DATE:  
 APPLICATION NUMBER: US/08/971,782  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/050,996  
 FILING DATE: 26-JUN-1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Dickinson, Todd O  
 REGISTRATION NUMBER: 28,354  
 REFERENCE/DOCKET NUMBER: GM10024  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-994-2252  
 TELEFAX: 215-994-2222  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 459 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-971-782-2

Query Match 8.1%; Score 132.5; DB 3; Length 459;



REGISTRATION NUMBER: 30256  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 159 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-597-236-9

Query Match 5.9%; Score 97.5; DB 1; Length 159;  
Best Local Similarity 26.5%; Pred. No. 0.0034;  
Matches 31; Conservative 15; Mismatches 36; Indels 35; Gaps 3;

QY 188 KIGKGLDHA-----TGVIETAVGVNDVSI-----HGVTL 221  
DB 45 KSGVITGNHVFNNFNCISINAMLSVTIGDCLIGENVKYIDHNHCYQNKSPISKQGFST 104  
OY 222 GGTGKSGDRHPRKIGDVLIGAGSCILGNTTIGEGAKIGSGSVVVKDPARTAVGN 278  
DB 105 AAI-----QIGRNCWIGSOVTLIKGVTIGDNLITIGAGVYVYQDVPENSIVLSN 152

RESULT 10  
US-08-746-682A-9  
Sequence 9, Application US/08746682A  
Patent No. 5786184  
GENERAL INFORMATION:  
APPLICANT: STINGELE, Francesca  
APPLICANT: MOLETT, Beat  
TITLE OF INVENTION: LACTIC BACTERIA PRODUCING  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americans  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/746,682A  
FILING DATE: 14-NOV-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/597,236  
FILING DATE: 20-JUN-1995  
APPLICATION NUMBER: EP 95201669.9  
FILING DATE: 20-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Fannucci A. Allan  
REGISTRATION NUMBER: 30256  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 159 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-746-682A-9

Query Match 5.9%; Score 97.5; DB 1; Length 159;  
Best Local Similarity 26.5%; Pred. No. 0.0034;  
Matches 31; Conservative 15; Mismatches 36; Indels 35; Gaps 3;  
QY 188 KIGKGLDHA-----TGVIETAVGVNDVSI-----HGVTL 221  
DB 45 KSGVITGNHVFNNFNCISINAMLSVTIGDCLIGENVKYIDHNHCYQNKSPISKQGFST 104

QY 222 GGTGKSGDRHPRKIGDVLIGAGSCILGNTTIGEGAKIGSGSVVVKDPARTAVGN 278  
DB 105 AAI-----QIGRNCWIGSOVTLIKGVTIGDNLITIGAGVYVYQDVPENSIVLSN 152

RESULT 11  
US-08-975-762-56  
Sequence 56, Application US/08975762  
Patent No. 6207169  
GENERAL INFORMATION:  
APPLICANT: Reed, Steven G.  
APPLICANT: Lodes, Michael J.  
APPLICANT: Houghton, Raymond  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND  
NUMBER OF SEQUENCES: 73  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/975,762  
FILING DATE: 21-MAR-1997  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: MAKI, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 210121.439  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 206-622-4900  
TELEFAX: 206-682-6031  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 197 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-975-762-56

Query Match 5.7%; Score 94; DB 4; Length 197;  
Best Local Similarity 25.5%; Pred. No. 0.012;  
Matches 36; Conservative 17; Mismatches 42; Indels 46; Gaps 6;  
QY 159 LMKONRIVALLIONRVSEFAVDHHPGAKIGKGLDHA-----TGVIETAVGV 210  
DB 7 LMCARKTIMCRLKNT-----GCEVNVREVLVYVAGVSPVSTAFIAGYARIIG 56  
QY 211 D-----NLSLHGVTIGG-----TGKSGDRHPRKIGSGVILIGAGS 245  
DB 57 DVCIGKNASIMYGTVLGRVDKIEVGEGTINIDNTVTVHDSMHD--TVIGKFTVIG-HS 113  
QY 246 CILGNTTIGEGAKIGSGSVV 266  
DB 114 CILHACTLGNNAFVGMSIYM 134

RESULT 12  
US-09-188-579-85  
Sequence 85, Application US/091885798  
Patent No. 6107040  
GENERAL INFORMATION:  
APPLICANT: Shuman, Stewart  
TITLE OF INVENTION: Pharmacological Targeting of mRNA Cap Formation

FILE REFERENCE: D6185  
CURRENT APPLICATION NUMBER: US/09/188,579B  
CURRENT FILING DATE: 1998-11-09  
NUMBER OF SEQ ID NOS: 114  
SEQ ID NO 85  
LENGTH: 168  
TYPE: PRT  
ORGANISM: baculovirus  
FEATURE:  
OTHER INFORMATION: Amino acid sequence of RNA baculovirus phosphatase BVP.  
US-09-188-579-85

Query Match 5.5%; Score 90; DB 3; Length 168;  
Best Local Similarity 22.2%; Pred. No. 0.027;  
Matches 34; Conservative 24; Mismatches 53; Indels 42; Gaps 8;

QY 17 DSRFCIKNFRGFSVNRKIHHTQIEDDDVWIKMLEAKSDVKOEPL-----SN 68  
DB 18 DSNLICKFKPLRPEL-----FAYVTSEEDVW-----TAQIYKQNSIGAIIDLTNTS 65  
QY 69 YYASITSHRSLESALAHILSVKLSNLTLPSTLFEFLFISVLEESPELLESTKODLIAVK 128  
DB 66 KYVDGV---HFLRAGLLY-KKIQVPGQTLPEPSIYGEFIDIVKE-----FT 107  
QY 129 ERDPACISYVHCFGLGK--GFLACQAHRIAHTL 159  
DB 108 EKCPGMLVGVHCTHGINRTGYMVC--YLMHTL 138

RESULT 13  
US-09-315-444-85  
Sequence 85, Application US/09315444A  
Patent No. 6232070  
GENERAL INFORMATION:  
APPLICANT: Shuman, Stewart  
TITLE OF INVENTION: Pharmacological Targeting of mRNA Cap Formation  
FILE REFERENCE: D6185CIP  
CURRENT APPLICATION NUMBER: US/09/315,444A  
CURRENT FILING DATE: 1999-05-20  
PRIOR APPLICATION NUMBER: US 09/188,579  
PRIOR FILING DATE: 1998-11-09  
NUMBER OF SEQ ID NOS: 116  
SEQ ID NO 85  
LENGTH: 168  
TYPE: PRT  
ORGANISM: baculovirus  
FEATURE:  
OTHER INFORMATION: Amino acid sequence of RNA baculovirus phosphatase BVP.  
US-09-315-444-85

Query Match 5.5%; Score 90; DB 4; Length 168;  
Best Local Similarity 22.2%; Pred. No. 0.027;  
Matches 34; Conservative 24; Mismatches 53; Indels 42; Gaps 8;

QY 17 DSRFCIKNFRGFSVNRKIHHTQIEDDDVWIKMLEAKSDVKOEPL-----SN 68  
DB 18 DSNLICKFKPLRPEL-----FAYVTSEEDVW-----TAQIYKQNSIGAIIDLTNTS 65  
QY 69 YYASITSHRSLESALAHILSVKLSNLTLPSTLFEFLFISVLEESPELLESTKODLIAVK 128  
DB 66 KYVDGV---HFLRAGLLY-KKIQVPGQTLPEPSIYGEFIDIVKE-----FT 107  
QY 129 ERDPACISYVHCFGLGK--GFLACQAHRIAHTL 159  
DB 108 EKCPGMLVGVHCTHGINRTGYMVC--YLMHTL 138

RESULT 14  
US-08-190-802A-63  
Sequence 63, Application US/08190802A  
Patent No. 5519003

GENERAL INFORMATION:  
APPLICANT: Mochly-Rosen, Daria  
APPLICANT: Ron, Dorit  
TITLE OF INVENTION: WD-40 - Derived Peptides and Uses  
TITLE OF INVENTION: Thereof  
NUMBER OF SEQUENCES: 265  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306-0850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/190,802A  
FILING DATE: 01-FEB-1994  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: 8600-0139  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 63:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 713 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: TUP1, Fig. 46  
US-08-190-802A-63

Query Match 5.3%; Score 87; DB 1; Length 713;  
Best Local Similarity 18.8%; Pred. No. 0.62;  
Matches 52; Conservative 40; Mismatches 88; Indels 96; Gaps 11;

QY 15 DDDRFCCIK-----NFRGFSVNRKIHHTQIEDDDVWIKMLEAKSDVKOEPLSNV 69  
DB 342 DHTSVCCVAFKNSDGEFLATGCKNTQYRV---SDGSLVARLSDSANNHRNSITENN 398  
QY 70 YYASITSHRSLESALAHILSVKLSNLTLPSTLFEFLFISVLEESPELLESTKODLIAVK 119  
DB 399 TTTSTDMNTMTTTTTTTTAMTSAELAKDVENLTSSPSSDIYINSV----- 449  
QY 120 TKODLIAKERDPACISYVHCFGLGFLACQAHRIAHTLWK-QNRKIVALLIONRESES 178  
DB 450 -----CFSPDGKFLATGAEDRLIRIMDIENKKIV-MILQGEQDI 488  
QY 179 FAYDIHFGAKIGKILDHATGVIGETAVGVNVSILIGVTLGGKSGDRHPKIGCG 238  
DB 489 YSLDPEPS-----GDKLVSG-----SGDRVAVIMD- 513  
QY 239 VLAGAGSCIL-----GNIT-----GEGAKIGSGSV 264  
DB 514 --LRTGCSLTLEIDGCVTTVAVSPDGKTIAGSL 547

RESULT 15  
US-09-032-372-12  
Sequence 12, Application US/09032372  
Patent No. 6008337  
GENERAL INFORMATION:  
APPLICANT: Bandman, Olga

Job time: 45 sec

APPLICANT: Hillman, Jennifer L.  
APPLICANT: Corley, Neil C.  
APPLICANT: Guegler, Karl J.  
APPLICANT: Yue, Henry  
TITLE OF INVENTION: CELL CYCLE RELATED PROTEINS  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Incyte Pharmaceuticals, Inc.  
STREET: 3174 Porter Drive  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/032,372  
FILING DATE: Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Billings, Lucy J  
REGISTRATION NUMBER: 36,749  
REFERENCE/DOCKET NUMBER: PF-0478 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-855-0555  
TELEFAX: 650-845-4166  
TELEX:  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 361 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
LIBRARY: GenBank  
CLONE: 1292898  
US-09-032-372-12

Query Match 5.1%; Score 84.5; DB 3; Length 361;  
Best Local Similarity 20.3%; Pred. No. 0.39;  
Matches 59; Conservative 46; Mismatches 118; Indels 67; Gaps 14;

QY 50 IKMLEEA-KSD-----VKQEPILSNYYASITSHRSIESLAHILSVKLSN-----L 95  
DB 90 LKLAEDVLRKDNSPFFVLNSDVICFPEKFLADPHKAHGSGGTIVATKVDPSKYGVIVH 149  
QY 96 NLPSNTFELFISVLEE-----SPRLSTKODLIAY-KERDPACIS-----Y 137  
DB 150 DIATPNLIDRFVFKPEFVGNRNINAGYIILNPEVIDLIEKPTSIKETPFLIVEEKQLY 209  
QY 138 VHCFLG-----KGFACQAHRIAHTLWKONRKIV--ALLIONRVSESFAVDIHPGAK 188  
DB 210 SFDLEGFMVDVGQPKDFLSGTVLVYLSLAKRQPKLATGANIVGNALIDPTA-KISSSTAK 268  
QY 189 IKGILLDHMTGVIGTAVVGNVSLHGVTLGGTGKQSGDRHPKIGDGVILGAGSCIL 248  
DB 269 IG-----PDVVIGPNVTIGDGVRTSRSVL-----CNSTIRNHSILVSTIVG----- 310  
QY 249 GNTTIGGAGKIGSGSVVKKDVPARTTAVGNPARLIGGKENPRK--HDKIP 296  
DB 311 WNSTVGQMCRLSEGVTVLGDDVEVKKDEIYIN-----GSKVLPHKSIDNVP 355

Search completed: August 21, 2001, 12:06:58

Tue Aug 21 12:47:47 2001

us-09-486-334-2.ra1

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